

Chapter 05 Health Care System

Mississippians receive health care from a variety of sources that provide a continuum of care. While hospital inpatient care is a vital part of this continuum, more and more patients receive care in a clinic, health care provider's office, home or community based setting, and ambulatory care facilities.

Increasing numbers of providers have formed networks and other partnerships to offer patients a reduced cost for services. Others are joining health care systems to facilitate referrals for related services or referrals to larger facilities for specialized services.

The following sections summarize the different types of health facilities and health services available in Mississippi.

100 Hospitals

Mississippi had 97 non-federal acute (short term) care hospitals in April 2006, with a total of 11,239 licensed medical-surgical beds, of which 10,323 were set-up and staffed. Local government controls 43 of these hospitals; non-profit organizations operate 26 hospitals; for-profit corporations operate 25 hospitals, and the State of Mississippi owns two – the University Medical Center, a teaching hospital associated with the University of Mississippi Schools of Medicine, Dentistry, Nursing, and Health Related Professions, and one small rural hospital located in the Mississippi Delta. The count excludes Whitfield Medical-Surgical Hospital, a 43-bed facility providing acute care to psychiatric patients at the Mississippi State Hospital at Whitfield, and the Medical-Dental Facility at Parchman, a 56-bed facility providing acute and psychiatric care to inmates at the Mississippi State Penitentiary.

Also excluded in the above count are the state's nine licensed long-term acute care hospitals: Batesville Specialty (29 beds); Greenwood Specialty Hospital, (40 beds); Mississippi Hospital for Restorative Care, Jackson (25 beds); Promise Specialty Hospital of Vicksburg (35 beds); Regency Hospital of Hattiesburg (33 beds); Regency Hospital of Meridian, Meridian (40 beds) Select Specialty Hospital of Jackson (53 beds); Select Specialty Hospital-Mississippi Gulf Coast, Gulfport (38 beds plus certificate of need authority to replace 42 beds of Select Specialty Hospital- Mississippi Gulf Coast-Biloxi, which was destroyed by Hurricane Katrina); and Specialty Hospital of Meridian (49 beds). These hospitals provide care to patients who need less than three hours of rehabilitation services per day but who have an average length of stay greater than 25 days.

Twenty-seven of the 97 hospitals have been designated as Critical Access Hospitals (CAH). These hospitals provide outpatient, emergency and limited inpatient services and receive cost-based reimbursement for services provided to Medicare patients. CAHs may operate a maximum of 25 beds and keep inpatients an average of 96 hours. A CAH can participate in a swing bed program but may not exceed the 25 bed limit. Federal regulations require that CAHs must be rural; must make emergency care available 24 hours a day; and must be a member of a referral network and have an agreement with at least one other hospital for patient transfer, communication systems, transportation, credentialing, and quality assurance.

In addition to the state's non-federal hospitals, the federal government operates two Veterans' Administration Hospitals, one in Jackson and one in Biloxi. The United States Air Force operates medical facilities at Columbus and Biloxi to serve active duty and retired military personnel and their dependents. The Indian Health Service funds the operation of the Choctaw

Health Center, an 18-bed acute care hospital in Philadelphia which is operated by and provides health care services to the Mississippi Band of Choctaw Indians.

Eight Mississippi counties have no hospitals: Amite, Benton, Carroll, Issaquena, Itawamba, Kemper, Smith, and Tunica counties. However, these counties appear to receive sufficient inpatient services from hospitals in adjoining counties. Chapter XI details the state's acute care services.

101 Ambulatory Care

Ambulatory care is available through private offices of physicians and through MDH clinics, 22 community health center facilities with 128 satellite clinics, 145 certified rural health clinics, and 70 hospital outpatient clinics. In addition, Mississippi has 24 licensed freestanding multi-specialty ambulatory surgery centers.

Mississippi had 5,421 active licensed physicians (5,098 medical doctors, 264 osteopaths, and 59 podiatrists); 1,212 active licensed dentists; 33,750 registered nurses; and 13,405 licensed practical nurses for 2005. Approximately 24,859 of the RNs and 8,997 of the LPNs were employed full-time in nursing careers. There were 1,562 RNs certified for expanded role nursing as nurse practitioners in 2006. Chapter VI of this *Plan* provides more detailed information on health care personnel in Mississippi.

The MDH operates at least one county health department in every county, with Sharkey and Issaquena counties sharing a health department, for a total of 101 clinics throughout the state. Department staff includes public health nurses, nurse practitioners, physicians, disease investigators, environmentalists, medical records clerks, social workers, and nutritionists. The county health departments provide immunizations, family planning, WIC (Special Supplemental Food Program for Women, Infants, and Children), tuberculosis treatment and prevention services, sexually-transmitted disease (including HIV/AIDS) services, and other communicable disease follow-up. Additional services, such as child health and maternity services, are available based on the county's need. The number and type of staff may vary according to the need and resources in each particular county; however, every county provides all general public health services.

Community health centers (CHCs) are federally-subsidized, non-profit corporations that delivered primary and preventive health care and social services to 310,807 Mississippians in calendar year 2004. CHCs must serve populations identified by the U.S. Department of Health and Human Services as medically underserved. This status indicates that the geographic area has limited medical resources; other factors include poverty and lack of health insurance. CHCs offer a range of services, including medical, dental, radiology, pharmacy, nutrition, health education, and transportation. Mississippi has 22 CHCs, with 128 satellite clinics including more than 100 primary care delivery sites.

Rural health clinics (RHCs) also provide care in areas designated by the U.S. Department of Health and Human Services as medically underserved. These clinics use physician's assistants and nurse practitioners under the general direction of a physician, who is located within 15 miles of the clinic, to provide outpatient primary care to patients in rural areas. RHCs receive cost-based reimbursement from Medicare and Medicaid. A total of 145 certified RHCs operated in Mississippi as of April 2006.

Seventy Mississippi's hospitals provided outpatient services during FY 2005, with 2,262,596 out-patient clinic visits. The state's 24 freestanding ambulatory surgery facilities

provided a total of 96,752 surgeries, in addition to the 147,702 ambulatory surgeries performed in hospitals during the year.

Chapter XIII provides more detail on all of the ambulatory care facilities. In addition to these facilities, a number of non-profit voluntary health organizations provide educational and informational services, screening services, referral services, counseling, limited diagnosis, and treatment services. Examples include the Muscular Dystrophy Association, American Heart Association, American Red Cross, Mississippi Lung Association, American Diabetes Association, American Cancer Society, and Catholic Charities. These organizations and others serve as a general support system for persons with specific health problems.

102 Long-Term Care

Mississippi has 187 public or proprietary skilled nursing homes, with a total of 17,247 licensed beds. Nineteen entities have received CON approval for the construction of 663 additional nursing home beds and seven facilities have voluntarily delicensed a total of 326 nursing home beds which are being held in abeyance by MDH. This count excludes one nursing home operated by the Mississippi Band of Choctaw Indians, with 120 beds; two nursing homes operated by the Department of Mental Health, with a total of 705 licensed beds in FY 2005; four nursing homes operated by the Mississippi State Veteran's Affairs Board, with a total of 600 beds; and one facility operated by the Mississippi Methodist Rehabilitation Center, with a total of 60 beds dedicated to serving patients with special rehabilitative needs, including spinal cord and closed-head injuries. The state has 13 intermediate care facilities for the mentally retarded - five proprietary and eight state owned and operated - with a total of 2,745 beds (as of April, 2006). Ellisville State School includes four separately-licensed facilities. The state also has seven psychiatric residential treatment facilities for emotionally disturbed children and adolescents, with a total of 330 licensed beds, an additional 58 beds have received CON approval.

In addition, 11 Mississippi hospitals provide limited nursing home care in "distinct part skilled nursing facilities." These units are located in a physically identifiable distinct part of the hospital and are certified for participation in the Medicare program as skilled nursing facilities, but cannot participate in the Medicaid program. As of April 2006, 167 beds were in operation.

Another 53 hospitals offer care in "swing beds", which are beds approved to alternate as needed between acute care and long-term care in hospitals of fewer than 100 beds. These hospitals provided care equivalent to 220 nursing home beds in FY 2005.

Individuals who need some custodial care or assistance with the activities of daily living, but do not require skilled nursing services, may choose to live in a licensed personal care home. Mississippi has 183 such homes, with a total of 5,088 licensed beds.

Numerous retirement communities or assisted living facilities provide independent living areas for individuals who need a sheltered environment, including nutritional and social support, but who do not require institutional health care. The state's ten Area Agencies on Aging coordinate home and community-based services such as adult day care, respite care, congregate or home-delivered meals, and chore/homemaker services. Chapter VIII provides more detailed information on long-term care.

103 Hospice Services

The appropriate care of terminally ill individuals has become a major concern of society. This concern led to the philosophy that terminally ill patients should be allowed to spend their final days at home or in a home-like environment if they so desire, yet still receive appropriate palliative care. As a result of this thinking, the federal government enacted legislation allowing Medicare to pay for hospice care.

By definition, a hospice is not a facility but a program. A hospice provides palliative care to terminally ill patients and counseling to the patient's family. Palliative care controls pain and the symptoms of the dying process and is not intended to be curative in nature. It is supportive care provided to meet the special needs arising from the physical, emotional, spiritual, social, and economic stresses that are experienced during the final stages of illness, dying, and bereavement. This care is available 24 hours per day, seven days a week, and is provided on the basis of need regardless of ability to pay. The care is designed and provided by an interdisciplinary team.

For the purposes of this *Plan*, a hospice or hospice program is defined as an autonomous, centrally administered, medically directed, nurse-coordinated program providing a continuum of home, outpatient, and inpatient care for not less than four terminally ill patients and their families.

Mississippi currently has 110 licensed and Medicare-certified hospices in operation in the state plus three other hospices that are licensed to operate in Mississippi but are certified by other states.

104 Rehabilitation

The Mississippi Department of Rehabilitation Services (MDRS) provides a variety of services to persons with disabilities and their families. The MDRS helps individuals who have a physical or mental impairment that substantially hinders employment and who have the potential of getting and keeping a job as a result of vocational rehabilitation. Services include medical assistance, physical and occupational therapy, counseling, educational assistance, job training, and placement. The MDRS also offers programs to help individuals with disabilities gain independent living skills and cooperates with a number of other agencies to provide specialized services.

The Mississippi Schools for the Deaf and the Blind provide residential and day programs for hearing or visually impaired children and youth through 21 years of age. The schools offer elementary and secondary education curricula that meet State Department of Education standards, as well as specialized courses to meet the particular needs of hearing or visually impaired students.

Blair E. Batson Children's Hospital at the University of Mississippi Medical Center offers both inpatient and outpatient habilitation and rehabilitation services for physically and developmentally disabled persons, both children and adults. The State Department of Education has accredited Children's Hospital to provide elementary and secondary curricula, as needed, allowing the children's program to provide optimum development for each child.

Fifty-seven certified rehabilitation agencies in Mississippi offer various services on an outpatient basis, such as physical therapy, speech therapy, and social services. Other facilities offer comprehensive medical rehabilitation (CMR) services, defined as intensive care providing a coordinated multidisciplinary approach to patients with severe physical disabilities that require an

organized program of integrated services. Level I facilities offer a full range of CMR services to treat disabilities such as spinal cord injury, brain injury, stroke, congenital deformity, amputations, major multiple trauma, polyarthritis, fractures of the femur, and neurological disorders, including multiple sclerosis, cerebral palsy, muscular dystrophy, Parkinson's Disease, and others. Level II facilities offer CMR services to treat disabilities other than spinal cord injury, congenital deformity, and brain injury.

Seven hospital-based units offer Level I CMR services and nine hospital-based units offer Level II limited CMR services. Mississippi's Level I CMR units are located at Baptist Memorial Hospital-DeSoto in Southaven, Delta Regional Medical Center in Greenville, Forrest General Hospital in Hattiesburg, Memorial Hospital at Gulfport, Mississippi Methodist Rehabilitation Center in Jackson, North Mississippi Medical Center in Tupelo, and University Hospital and Clinics in Jackson.

Level II CMR units are located at Baptist Memorial Hospital-North Mississippi in Oxford, Greenwood Leflore Hospital in Greenwood, Magnolia Regional Medical Center in Corinth, Natchez Regional Medical Center in Natchez, Northwest Mississippi Regional Medical Center in Clarksdale, Riley Memorial Hospital in Meridian, River Region Health System in Vicksburg, Singing River Hospital in Pascagoula, and Southwest Mississippi Medical Center in McComb. Tables XII-1 and XII-2 list bed capacity, discharges, average lengths of stay, and occupancy rates of Mississippi's Level I and Level II comprehensive medical rehabilitation units, respectively. Map XII-1 shows the location of these units.

The Children's Medical Program of the Mississippi Department of Health provides medical care and rehabilitative services to children with physical disabilities whose families cannot afford the cost of properly caring for their children. The program provides services in field clinics throughout the state and makes referrals for services the program does not offer.

The MDH provides leadership for First Steps, Mississippi's interagency early intervention system for infants and toddlers with developmental delays. Mississippi has fully implemented this system statewide as an entitlement for children with disabilities and their families.

Chapter XII, *Habilitation and Rehabilitation Services*, provides more detailed information on all of these agencies and programs.

105 Other Services

Numerous other organizations provide a variety of health care services in Mississippi. Individuals may receive health care services in the home through any of the 63 home health agencies licensed to serve patients in Mississippi. A total of 59,720 (non-duplicate count) Mississippians received home health services during FY 2003, down from 59,768 patients served in 2002 (most recent information available).

Mississippi has 68 certified or CON-approved end stage renal disease facilities with a total of 1,517 renal dialysis machines that provide maintenance kidney dialysis services. Chapter XIII provides additional information on both ESRD and home health services.

A health maintenance organization (HMO) is an organization that provides or arranges for the delivery of basic health care services to enrollees on a prepaid or other financial basis, using an organized system that combines the delivery and financing of health care. HMOs may be public or private entities, and they may be non-profit or propriety.

The delivery of health care services through HMOs has existed in some parts of the United States since the 1930s. These organizations have proliferated throughout the country in recent years. Beginning in 1995, an explosion of interest was demonstrated in the Mississippi HMO market. By December 1998, 15 HMOs were operating in the state. During 1999, however, the market experienced significant fallout. As of December 30, 2005, five HMOs were licensed in Mississippi, although all may not be active.

106 Public Health

Mississippi's public health system includes a 13-member Board of Health, the State Health Officer, central administrative offices in Jackson, nine district offices, 13 licensed home health regions, and 81 county health departments. The Mississippi Department of Health (MDH) promotes and protects the health of the citizens of Mississippi through health promotion, disease prevention, and the control of communicable diseases. Communicable disease services include epidemiology, screening, surveillance, diagnosis, and treatment in areas such as tuberculosis, sexually transmitted diseases, and HIV/AIDs. Programs attempt to control disease transmission through effective intervention, treatment, and immunization where possible. In addition, the immunization program strives to eliminate morbidity and mortality from vaccine-preventable diseases.

The MDH maintains programs to reduce the risk of particular health problems and to control or prevent such non-communicable diseases as diabetes, cancer, hypertension, and cardiovascular disease. Other components of public health include services to:

- provide supplemental food and nutrition education to low-income pregnant, breastfeeding, and postpartum women and to infants and children up to five years of age (accomplished through the WIC program), serving as an adjunct to good health care during critical times of growth and development and reducing health problems associated with poor nutrition during pregnancy, infancy, and early childhood;
- improve family planning through contraceptive services and counseling;
- improve maternal health through prenatal and postpartum care for maternity patients and access to enhanced delivery services for high risk pregnant women;
- contribute to the health of children and youth through the Early Periodic Screening, Diagnosis, and Treatment program; the First Steps Early Intervention System for Infants and Toddlers; the Children's Medical Program; school nurse services; and other services for infants, children, and adolescents;
- control or prevent problems that can endanger public health through protection of consumers against preventable hazards in food, milk, and water; maintenance and enforcement of regulatory standards regarding proper wastewater disposal; radiological safeguards; and consultation on public health pest management;
- support the detection, analysis, and treatment of public health problems;
- enhance the state's emergency medical services through development of a statewide trauma plan and licensing of ambulance services and emergency medical technicians;
- enforce established standards in the delivery of health care through inspection and licensure of hospitals, nursing homes, and other health care facilities;

- maintain public records such as births, deaths, utilization of health care services, and other statistical information regarding the health of Mississippians for the purpose of tracking public health trends and needs;
- support the planning and development of policies and standards for public health services; and
- develop emergency preparedness plans, including enhanced infectious disease surveillance/investigation and improved technological connectivity between physicians, hospitals, and the public health system.

107 Emergency Medical Services

Emergency Medical Services (EMS) are health care services delivered under emergency conditions that occur as a result of the patient's condition, natural disasters, or other situations. Emergency Medical Services are provided by public, private, or non-profit entities with the authority and the resources to effectively administer the services.

The MDH Bureau of Emergency Medical Services licenses all ambulance services in Mississippi; inspects and permits ambulances; tests and certifies emergency medical technicians on the basic, intermediate, and paramedic level; tests and certifies EMS drivers; tests and certifies medical first responders; authorizes advanced life support and all other training programs; manages a statewide records program (Mississippi Emergency Medical Services Information System); and administers the EMS Operating Fund.

The Division of Trauma System Operations (DTSO) coordinates the development of the Mississippi Trauma Care System and synchronizes efforts between the staff and contracted trauma consultants for trauma center inspections, educational visits, programmatic audits, and overall systems design with hospitals in Mississippi and bordering states. The Division manages the Emergency Medical Services for Children (EMSC) Program, including management of the federal grant funds, implementation of Mississippi EMSC projects, and EMSC curriculum. The DTSO houses the Traumatic Brain Injury/Spinal Cord Injury Surveillance program and registry, which gathers data from all Mississippi hospitals pertaining to brain and spinal cord injury patients. The Division of Trauma also manages the Mississippi Burn Care Fund, which provides reimbursement for the out of state hospitals which provide care for Mississippi burn patients.

Mississippi has five EMS districts; within each district, a county has the option to participate with an EMS authority. Approximately 50 percent of the state's 82 counties presently participate in regional EMS programs. Counties not participating are left to provide services on an individual basis.

The four EMS districts and participating counties are as follows:

- North Mississippi EMS Authority (seven participating counties): Calhoun, , Itawamba, Lafayette, Lee, Pontotoc, Tishomingo, and Union;
- Central Mississippi EMS District (35 participating counties): Adams, Amite, Attala, Carroll, Chickasaw, Choctaw, Claiborne, Coahoma, Copiah, Greene, Holmes, Jefferson, Kemper, Lauderdale, Leflore, Marshall, Monroe, Montgomery, Neshoba, Newton, Noxubee, Panola, Pearl River, Pike, , Scott, Simpson, Sunflower, Smith, Tallahatchie, Tunica, Warren, Washington, Wilkerson, Winston, and Yazoo;

- Southeast Mississippi Air Ambulance District (eight participating counties): Covington, Forrest, Jefferson Davis, Lamar, Marion, Perry, Stone, and Walthall. This district is the oldest continuing publicly supported air ambulance system in the United States.
- Harrison and Jackson counties have each formed EMS districts focusing on EMS training.

Mississippi has five helicopter air ambulance services based within the state. The air ambulance helicopters are located at Forrest General Hospital in Hattiesburg, North Mississippi Medical Center in Tupelo, University Medical Center in Jackson, Air EVAC Life Team in Batesville, and Air EVAC Life Team in Corinth. In addition, six out-of-state air ambulance services are licensed to serve Mississippi: Hospital Wing Air Ambulance Service of Memphis, Tennessee; Air Evac Service of Jackson, Tennessee, Marianna, Arkansas, and Tuscumbia Alabama; Ochner's Flight Care of New Orleans, Louisiana; Acadian Air Med Services of Louisiana; and Air Evac and Critical Care Transport, both of Birmingham, Alabama. Acadian and Critical Care Transport also provide fixed-wing air ambulance services.

Mississippi has 94 licensed ambulance providers, including nine out-of-state providers: two in Alabama, two in Arkansas, two in Louisiana, and three in Tennessee. The Bureau of Emergency Medical Services reported 519 permitted vehicles in 2005: 523 ground units, 3 fixed wing, and 15 rotary wing units.

108 Mental Health

The Mississippi Department of Mental Health (MDMH) administers four state psychiatric hospitals, six crisis intervention centers, five residential centers for persons with mental retardation, community mental health and mental retardation services for children and adults, and a variety of alcohol and drug prevention and treatment programs. The MDMH also develops day-programs and caregiver training for individuals with Alzheimer's disease/other dementia and serves as the Designated State Agency (DSA) for the Mississippi Council on Developmental Disabilities. Through contracts and affiliations with the state's community mental health/mental retardation centers and other public and private agencies, the MDMH strives to ensure a continuum of community prevention, treatment, training, and support services. The MDMH offers a range of services to persons with mental retardation and developmental disabilities through a variety of programs, including early intervention programs, alternative living arrangements, work activity centers, and long-term residential care. In addition to the MDMH, 15 regional community mental health/mental retardation centers and their satellite facilities, as well as other nonprofit programs, provide a network of services throughout the state.

Mississippi has 12 hospital-affiliated and three freestanding facilities providing psychiatric care, with a total of 504 psychiatric beds for adults and 206 beds for children/adolescents (plus outstanding CONs for 56 additional adolescent beds). The state has 14 facilities offering chemical dependency services, with 303 beds for adults and 52 beds for children/adolescents. In addition, the state has six freestanding psychiatric residential treatment facilities, with a total of 268 licensed beds (an additional 120 beds have received CON approval), offering long-term care to emotionally disturbed children and adolescents who need restorative residential treatment services. Chapter IX provides additional detail regarding mental health services.

109 Third Party Reimbursement

Medicare, a federally-administered program, provides payments for hospital, physician, and other medical services for most persons 65 years of age and older and disabled persons entitled to Social Security cash benefits for 24 months. Medicare consists of two parts: compulsory hospitalization insurance (Part A) and voluntary supplemental medical insurance (Part B), which covers physician services and some medical services and supplies not covered by Part A.

Medicaid, another third party reimbursement program, provides health care services for eligible persons. The Mississippi Division of Medicaid, Office of the Governor, administers state appropriated funds and federal matching funds within the provisions of Title XIX of the Social Security Act, as amended, to provide medical assistance for needy Mississippians. Medicaid includes 12 mandatory services and 24 optional services. The mandatory services include: inpatient hospital services, other than institutions for mental disease; outpatient hospital; rural health and federally qualified health center clinic services; other laboratory and x-ray services; skilled nursing facility services for individuals age 21 and older; physician services, family planning services and supplies; EPSDT (Early and Periodic Screening, Diagnostic and Treatment) services, home health services for persons eligible for nursing facility services; nurse-midwife services to the extent allowed by state law; pediatric and family nurse practitioner services; medical and surgical dental services; and transportation services.

States may choose to offer optional services to the categorically needy only, to the categorically needy and the medically needy, or not at all. The following optional services may be offered: licensed practitioners' services (e.g., podiatrists, psychologists, nurse anesthetists); private duty nursing; clinic services; dental services; physical therapy; occupational therapy; speech, hearing, and language therapy; prescribed drugs; prosthetic devices; eyeglasses; diagnostic services; screening services; preventive services; rehabilitative services; case management services; respiratory care services; tuberculosis-related services; inpatient hospital services to individuals aged 65 or older in an institution for mental disease; nursing facility services to individuals age 65 or older in an institution for mental disease; intermediate care facility for the mentally retarded (ICF/MR) services; inpatient psychiatric services for individuals under age 21; nursing facility services for individuals under age 21; hospice care services; and other medical services as approved by the Secretary (e.g., emergency hospital services, personal care services).

The U.S. Department of Defense operates the Civilian Health and Medical Program of the Uniformed Services (CHAMPUS), a part of the Tri-Care Program, which provides health insurance for covered medical care provided in civilian facilities to wives and children of active military personnel, retired military personnel and their dependents, and dependents of deceased personnel (unless eligible for Part A of Medicare). The program reimburses those unable to use government medical facilities because of distance, overcrowded facilities, or the absence of appropriate treatment at a military medical center.

The State Children's Health Insurance Program (SCHIP) is a separate health insurance program that covers non-Medicaid children up to 200 percent of the FPL. Currently, SCHIP targets all children in the state under age 19 who are below 200 percent of the Federal Poverty Level, not eligible for Medicaid coverage, and have no other health coverage. The reauthorization of this program will be discussed further during the 2007 Congressional Session. Currently, 60,856 children participate in the SCHIP program.

Benefits of SCHIP include all benefits under the high option of the State and School Employees Health Insurance Plan, as well as vision and hearing screening, eyeglasses, hearing aids, and dental care. There are no exclusions for pre-existing conditions. There are no premiums charged to eligible families and no cost sharing requirements (deductibles, co-payments) for preventive services, dental services, routine eye examinations, eyeglasses, or hearing aids. There is no cost sharing requirement for families below 150% of the FPL. Families with incomes above 150% of the FPL are responsible for minimal co-payments (\$5 for office visits and \$15 for emergency room visits).

The Division of Medicaid administers the *Covering Kids and Families* grant program provided by the Robert Wood Johnson Foundation with matching funds provided through the Bower Foundation. The grant program is a four-year collaborative initiative involving the Bower Foundation, the Department of Education, and the Division of Medicaid to improve the health status of school-aged children in Mississippi. The program is designed to reduce the number of uninsured children in the Medicaid or the Children's health Insurance Program; and coordinate health coverage offered through programs.

110 Environmental Protection

The Mississippi Department of Environmental Quality (MDEQ) develops comprehensive programs for the prevention, control, and abatement of air and water pollution in the state and is responsible for conserving, protecting, and improving the air and water quality. The MDEQ also makes interest-free loans available to eligible local governments to partially fund the cost of necessary wastewater treatment projects.

The Mississippi Department of Health's Bureau of Environmental Health protects the health and safety of the state's citizens through programs in food sanitation, milk sanitation, general sanitation, public water supply, boiler and pressure vessel safety, and radiological health. Chapter VII provides more information on MDH programs.

111 Related Areas

Many other related programs complement the health care services mentioned in this chapter. The following are some of the primary sources of health-related services in Mississippi:

- United States Department of Agriculture (USDA) - inspection and grading of meat and poultry;
- Mississippi Department of Human Services - food stamp program, child welfare and protection, eligibility determination for Medicaid, and coordination and funding of programs for the elderly;
- Mississippi State Department of Education - school lunch program, pupil transportation, health related services, and health and physical education;
- Mississippi Department of Economic and Community Development - community health education and planning.

112 Allocation of Public Funds

Table V-1 presents the allocation of public funds for health and health-related services during Fiscal Year 2005. Where available, the table provides actual expenditures by the various agencies. The expenditures shown include some duplication, in that third party programs have reimbursed for services provided through institutions and organizations included in the table.

Table V-1
Mississippi's State Supported Health Care System
FY 2005

Category	Federal Funds	State General Funds	Other Funds	Total
<u>Hospitals</u>				
University Medical Center - Consolidated	\$ --*	\$ 131,139,243	\$ 557,624,513	\$ 688,763,756
<u>Public Health</u>				
State Department of Health	\$ 114,567,997	\$ 29,062,469	\$ 77,116,397	\$ 220,746,863
<u>Social Welfare</u>				
Division of Medicaid	\$ 2,709,262,150	\$ 247,025,158	\$ 788,064,837	\$ 3,744,352,145
<u>Mental Health</u>				
Department of Mental Health - Consolidated	\$ 29,330,833	\$ 189,581,868	\$ 253,075,328	\$ 471,988,029
<u>Rehabilitation</u>				
Vocational Rehabilitation	\$ 31,954,926	\$ 4,734,092	\$ 4,999,660	\$ 41,688,678
Special Disability	\$ 1,828,974	\$ 1,003,642	\$ 7,583,694	\$ 10,416,310
Disability Determination	\$ 23,195,625	\$ -	\$ 323,834	\$ 23,519,459
Vocational Rehabilitation for the Blind	\$ 6,625,175	\$ 1,053,999	\$ 697,830	\$ 8,377,004
Spinal Cord and Head Injury Program	\$ -	\$ -	\$ 6,054,568	\$ 6,054,568
Subtotal	\$ 67,695,749	\$ 7,282,777	\$ 18,818,134	\$ 90,056,019
<u>Public Education-Rehabilitative</u>				
School for the Blind and Deaf	\$ 558,467	\$ 10,732,325	\$ -	\$ 11,290,792
<u>Environmental Protection</u>				
Department of Environmental Quality	\$ 37,843,787	\$ 12,350,192	\$ 11,521,271	\$ 49,415,533

*Federal funds not reported separately; these funds are included in Other Funds

Source: State of Mississippi Proposed Budget for Fiscal Year July 1, 2006 to June 30, 2007.

Actual expenditure for FY 2005